CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT



CUTM1036- ANDROID APP DEVELOPMENT

ASSIGNMENTS

SHORT ANSWER QUESTIONS

- 1. What is Android?
- 2. What are the features of Android architecture?
- 3. List the languages used to build Android.
- 4. What is an activity?
- 5. What is a service in Android?
- 6. What is Google Android SDK? Which are the tools placed in Android SDK?
- 7. What is the use of Bundle in Android?
- 8. What is an Adapter in Android?
- 9. What is the life cycle of Android activity?
- 10. Explain Sensors in Android.
- 11. Explain the dialog boxes supported on Android.
- 12. What is Android Manifest.xml file and why do you need this?
- 13. What is an intent?
- 14. What is context?
- 15. What is the Android Architecture?
- 16. What is the use of an activityCreator?
- 17. What is the importance of XML-based layouts?
- 18. What is Orientation?
- 19. What is the function of an intent filter?
- 20. When is the onStop() method invoked?

LONG ANSWER QUESTIONS

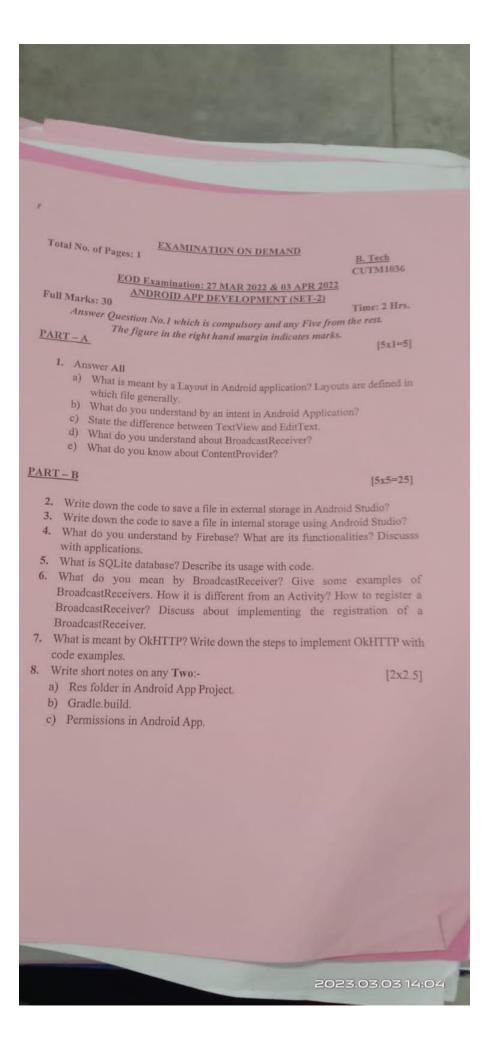
- 1. Explain all the features of Android platform.
- 2. Describe the Android Framework.
- 3. Explain the importance of having an emulator within the Android environment?
- 4. Differentiate Activities from Services.

5. Illustrate how to add and remove icons and widgets from the main screen of the Android device?

- 6. What are the different versions of Android OS that you remember?
- 7. Describe all the Application components.
- 8. Explain Android Architecture briefly.
- 9. Explain the life cycle of Android activity?
- 10. Explain the dialog boxes supported by the Android platform?
- 11. Explain the following categories of mobile applications
 - Native applications
 - Web application
 - Hybrid applications
- 12. Explain at least 3 challenges of mobile application developments.
- 13. Mention the difference between class, file and activity in Android?
- 14. Explain the difference between Implicit and Explicit Intent.
- 15. What is the latest version of Android? List all the versions of Android.
- 16. What are broadcast receivers? How is it implemented?

17. What database is used in Android? How it is different from client-server database management systems?

- 18. Differentiate Activities from Services.
- 19. What are the differences between Service and Thread?
- 20. What is the content provider? How it is implemented?



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	BTECH CUTM1036
EOD Examination: JUN - JUL 2022	
Full Marks: 30	Time: 2 Hrs.
Answer Question No.1 which is compulsory and any Five from The figure in the size of the second	the rest.
<u>PART - A</u> The figure in the right hand margin indicates marks.	[5x1=5]
I. Answer All:	
a. What built-in database is to the transmission	
and driving force behind an Android application and	d that ultimately
C Converted into a Dalvik avagutabla?	
 c. Status data will be exposed to the rest of the Android syste d. What is contained within the Layout xml file? e. What is constained within the Layout xml file? 	m via?
e. What is contained within the manifest xml file?	
PART - B	15-5-251
	[5x5=25]
2. Explain Basic Overview of an Android App?	
Explain Android Activity Lifecycle?	
4. Discuss wrap content and fill parent android application?	
5. Explain Toast method in android applications?	
6. Explain Android Checkbox and Android Radio Button Basic	s
7. Discuss Android List View and Android Web View?	
8. Write short notes on any Two:-	[2x2.5]
a) What is Manifest.xml in android?	Letter 1
b) Which file specifies the layout of your screen?	
c) Explain Edit Text Vs Text View	
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